PDR RID Report

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Section NA   **Page** NA   **Figure Table** NA

Category Name Design-Ingest   **Actionee** HAIS

Sub Category

Subject Inspection

Description of Problem or Suggestion:

When Level 0 products are delivered to DAAC, are they inspected, and, if yes, how? Also, will the inspection be conducted after the data production at PGS? And also, before the product delivery?

Originator's Recommendation

NA

GSFC Response by: **GSFC Response Date**

HAIS Response by: Eisenstein   **HAIS Schedule**

HAIS R. E. Vincent Grella   **HAIS Response Date** 7/28/95

Ingest Inspection: The ingest subsystem implements different data checking functionality for L0 metadata versus L0 science data. Science data checking will be peformed at the file level, while metadata checking will performed on the actual contents of the metadata. All metadata that is ingested will be checked for required field existence. In addition, the ingest subsytem will check each required metadata field/parameter to verify the associated value is within a given range or set of options. The ingest subsystem will not inspect the contents of the science data.

For electronic ingest, a data availability notice or a delivery record is supplied by the source with each set of ingested data associated with a specific transfer to ECS. These notices and records will specify the file names and sizes of the files associated with the specific data transfer event. The ingest subsystem will verify that the files referenced in the notice/record exist and are the size indicated within the notice/record. If the size of the file (within a given threshold) is not as specified in the notice/record or the file does not exist, the ingest subsystem will notify the original source of a data problem.

For hard media ingest, a delivery record with the same (or similar) information as a data availability notice is required. The file name and file size information contained in this record will validate the information in each respective file header. The delivery record can be on the same hard media as the data or can be provided to ECS electronically.

Processing Inspection: The inspection performed on products produced is specified by the instrument teams through Quality Assurance (QA) procedures defined by the Algorithm Integration and Test team.

Refer to RID 385 for information on distribution inspection.

Status **Closed**   **Date Closed** **8/9/95**   **Sponsor** **Kobler**

****** **Attachment if any** ******